

Title (en)  
THERMOPLASTIC ELASTOMER COMPOSITION

Title (de)  
THERMOPLASTISCHE ELASTOMERZUSAMMENSETZUNG

Title (fr)  
COMPOSITION D'ELASTOMERE THERMOPLASTIQUE

Publication  
**EP 1752493 A4 20071003 (EN)**

Application  
**EP 05734597 A 20050425**

Priority  
• JP 2005007768 W 20050425  
• JP 2004129386 A 20040426

Abstract (en)  
[origin: EP1752493A1] To provide a thermoplastic elastomer composition which is excellent in light resistance and flexibility and has high tear strength. A thermoplastic elastomer composition comprising 100 parts by mass of acrylic multi-layer polymer particles (A) which each comprise at least two layers, i.e., at least one inner rubber layer (I) and at least one outermost thermoplastic resin layer (II), 5 to 300 parts by mass of an ethylene/vinyl ester copolymer (B) and 0.5 to 150 parts by mass of a graft copolymer (C) composed of an ethylene/vinyl ester copolymer backbone and a graft bonded to the backbone which consists of units derived from a monomer having a polarity higher than that of the backbone.

IPC 8 full level  
**C08L 33/10** (2006.01); **C08F 255/02** (2006.01); **C08L 23/08** (2006.01); **C08L 51/00** (2006.01); **C08L 51/06** (2006.01)

CPC (source: EP US)  
**C08F 255/02** (2013.01 - EP US); **C08F 255/026** (2013.01 - EP US); **C08L 23/0853** (2013.01 - EP US); **C08L 51/06** (2013.01 - EP US)

Citation (search report)  
• [A] EP 0152180 A2 19850821 - CHEMPLEX CO [US]  
• [A] US 2001049416 A1 20011206 - CHOULET OLIVIER JACQUES [FR]  
• [A] US 5744546 A 19980428 - DIAZ THIERRY CHRISTIAN CLAUDE [FR], et al  
• [A] US 4360635 A 19821123 - ALBERTS HEINRICH, et al  
• See references of WO 2005103144A1

Cited by  
WO2022005826A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1752493 A1 20070214; EP 1752493 A4 20071003; EP 1752493 B1 20080730**; AT E402979 T1 20080815; CN 100540602 C 20090916; CN 1946796 A 20070411; DE 602005008586 D1 20080911; JP 4818914 B2 20111116; JP WO2005103144 A1 20080313; US 2007225418 A1 20070927; US 7569638 B2 20090804; WO 2005103144 A1 20051103

DOCDB simple family (application)  
**EP 05734597 A 20050425**; AT 05734597 T 20050425; CN 200580012910 A 20050425; DE 602005008586 T 20050425; JP 2005007768 W 20050425; JP 2006519506 A 20050425; US 58792106 A 20061026